

READ ME FIRST

SGI® InfiniteStorage™ Gateway Quick Start

This document highlights the minimum steps needed to set up the SGI InfiniteStorage Gateway with secondary storage that supports the DMF simplified configuration (for details, see the *SGI InfiniteStorage Gateway Administrator Guide*). These steps are generally performed by SGI Support personnel as part of the standard installation service (purchased separately). To use secondary storage that requires DMF manual configuration, contact SGI Professional Services.

Documentation

For details and important safety information, see these guides at <http://docs.sgi.com>:

- *SGI Modular InfiniteStorage (MIS) Platform Installation Guide* 007-5924-xxx
- *SGI Modular InfiniteStorage (MIS) 1.5 Platform User Guide* 007-5916-xxx
- *SGI InfiniteStorage Gateway Administrator Guide* 007-5915-xxx
- *SGI Management Center for InfiniteStorage Administrator Guide* 007-5652-xxx

Search for the core part number, such as 007-5924.

Install the Hardware

The following procedure summarizes the steps to install the hardware. Follow the instructions in the *SGI Modular InfiniteStorage (MIS) Platform Installation Guide*:

1. Install the MIS chassis into the rack.
2. Slide out the MIS chassis front and install its drives. (There may be a mix of drive sizes). Repeat for the chassis rear.

Note: The front and rear drives are shipped in separate boxes. Each drive is labeled with its specific StorBrick and slot location. You **MUST** place drives in the required slot and with the correct orientation to avoid pin damage. The StorBricks are numbered from left-to-right as you face the front (SB0–SB4) and as you walk around the rack and face the rear (SB5–SB7). For the specific slot locations, see the diagram on the chassis cover or in the MIS installation guide.

3. Attach a live 1-Gbit Ethernet network port to eth0, which is the bottom 1-Gbit Ethernet port on the MIS server.
4. Attach a KVM console locally.
5. Attach the front cover, which has small hinges that fit into the left side of the front chassis:
 - a. Hold the front cover at 90 degrees relative to the chassis (so that the cover door is open).
 - b. Attach the cables.
 - c. Fit the hinges into the left side of the chassis.
 - d. Swing the cover closed until the right side of the cover snaps into the chassis.
6. Attach the secondary storage. If you require more than 4 ports for secondary storage, you must use a Fibre Channel switch. See the *SGI InfiniteStorage Gateway Administrator Guide* for secondary-storage requirements.
7. Power up the MIS server.

Configure the Software

You will use the SGI InfiniteStorage Gateway Management Center to configure the system and DMF. (**DO NOT** use RHEL tools to configure the hostname and IP address manually.) The following procedure summarizes the steps; for details, see the initial configuration chapter of the *SGI InfiniteStorage Gateway Administrator Guide*.

1. Start up the Management Center:
 - a. Log in as root (default password is "INSECURE"):

```
-----  
login: root  
password: INSECURE  
-----
```

b. Start the X Window system:

```
-----  
console# startx  
-----
```

c. Start Firefox and access the following secure (**https**) website:

<https://192.168.1.1:1178>

d. Accept the security certificate (it is safe to ignore the warning).

e. On the **Configure Management Interface** page, enter the fully qualified domain name for the system name and public management IP address. You must use either a static address or a dedicated DHCP address. After you apply your changes, the system will automatically reboot.

f. Reopen the Management Center, using the new fully qualified domain name for the MIS server or its new IP address:

https://FQDN_MIS_SERVER:1178

2. At the **Unlicensed** page, click **install it** to access the **Licenses** page. When prompted, change the Management Center password (default is "INSECURE"):

```
-----  
Old password: INSECURE  
New password: yourpassword  
-----
```

Note: Follow the instructions in the initial configuration chapter of the *SGI InfiniteStorage Gateway Administrator Guide*, which at this point is available from within the Management Center:

Help—> Documentation—> SGI InfiniteStorage Gateway Administration Guide

a. Get the required licensing information:

Management—> System—> Licenses

b. Supply the information and your entitlement IDs to the SGI licensing website:

<http://www.sgi.com/support/licensing>

You will receive keys for Management Center, DMF capability, and DMF capacity.

c. Paste each key and add (one at a time) into the Management Center:

Management—> System—> Licenses

3. Create your filesystems.

4. Configure DMF.

5. Perform other system administration tasks as needed using the Management Center. For more information, see the *SGI Management Center for InfiniteStorage Administrator Guide*.

For More Help

If you need help, contact:

- North America: 1 (800) 800 4SGI
- Elsewhere: <http://www.sgi.com/support/supportcenters.html>

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